

# THE BULLETIN

FEBRUARY 22, 1993 ~ 46TH YEAR ~ NUMBER 13

## MEDICINE TO ABSORB ENROLMENT CUTS

BY KARINA DAHLIN

FIRST-YEAR MEDICAL SCHOOL enrolment in Ontario is being reduced permanently from 610 to 540, with U of T taking all the cuts.

As a result the projected enrolment for next year is 175, down from this year's first-year intake of 252, said Dan Lang, assistant vice-president (planning).

The action will not hurt U of T financially. The University is entering into an agreement with the province that guarantees an annual replacement grant of about \$8 million for at least 15 years. The funds will support the current level of research in the health sciences, said Provost

Joan Foley.

The Ministry of Health announced the enrolment cutback Feb. 18. Lang said the University has entertained the idea of admitting fewer undergraduate students in medicine for some time; in this respect the initiative is "an opportunity." During negotiations with the government it also became clear that no special funding arrangement would be made with U of T or any of the other four medical schools in Ontario if the reductions were distributed across the province.

The announcement will not result in budget cutbacks or a reduction of staff or faculty at medicine, Foley said.

The enrolment cutback "is good for quality considerations," she noted. Current medical classes are large; with fewer students it will be easier to manage the new curriculum and its problem-solving approach to teaching.

The initiative is part of a national

strategy reached by provincial health ministers a year ago. They agreed health care spending should be capped and that one way of doing so would be to reduce the number of physicians. An enrolment reduction of 10 percent would affect schools

in Alberta, Manitoba, Ontario and Quebec. Quebec has yet to adopt the strategy.

A Feb. 18 statement from the Ministry of Health says that from 1981 to 1991 Ontario's population

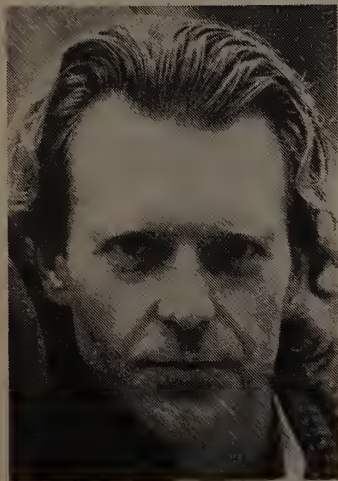
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## Gender Inequity Comes under Fire

BY SUZANNE SOTO

SOME INDIVIDUALS ON CAMPUS are threatening to file a sexual discrimination complaint against the University if it does not rectify "long-standing gender inequity" in the Department of Athletics & Recreation (DAR).

Five women representing various groups at U of T told members of University Affairs Board (UAB) Feb. 9 to consider carefully the issue of sports equity before approving DAR's budget. Preliminary budget plans which include the continuation of Varsity Blues football at an annual cost of \$240,000 were presented at the meeting. The board may hold two meetings next month to consider DAR's budget.



Brian Pronger

In an interview Brian Pronger, who teaches ethics in the School of Physical & Health Education and has actively campaigned for gender equity within DAR, said a decision on filing a complaint with the Ontario Human Rights Commission would likely be made after UAB's budget deliberations. "If this budget goes through it will say that yes, it is fine with the

University that this kind of money continue to go to an exclusively male sport. That can't be overlooked."

Last December DAR recommended the elimination of football and many other programs to cope with a \$1.2 million subsidy cut by the University. At that time the department also said this would fit in with its wish to bring about gender and ethnic equity. However, at a DAR council meeting Feb. 4, members agreed to retain many of the programs including football on the basis of financial support from alumni.

Professor Rona Abramovitch of psychology at Erindale, the acting status of women officer, said she was disappointed with DAR's about-face on football, the department's most expensive team. Although the department operates roughly an equal number of men's and women's sports, the money it spends on each "is far from equal." The difference may be as much as half a million dollars, she said. This is unfair, particularly since more than half of the University's fee-paying student population — about 55 percent — is female, Abramovitch said.

Pointing to the Ontario Human Rights Code and Charter of Rights & Freedoms, Professor Helen Lenskyj of the Ontario Institute for Studies in Education and the School of Physical & Health Education said that gender has constituted prohibited grounds for discrimination in sports since 1986. Still the University continues to allocate "the lion's share of financial resources and access to coaching and facilities ... to high-profile men's team sports."

U of T women who feel discriminated against "as a result of the dramatic discrepancy in the funding of men's and women's programs" have

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## Reading? On Reading Week?



Adrienne De Long, a part-time English student, may be dreaming of a sunnier climate but snowy old Toronto will just have to do. Campus activity slowed down considerably during Reading Week Feb. 15 - 19 with many students and faculty taking a break before the year-end push. A nook in Hart House proved the perfect place to catch up on course work.

## Hitting Performance Highs, Lows

BY DAVID TODD

SOMETHING SHORT-CIRCUITED in Lee Bartel's brain — it's as simple as that. An accomplished baritone, he was in the midst of the exam for his licentiate diploma, the highest certificate that any conservatory of music awards for performance, when nerves got the better of him. As he sang the final aria, he suddenly skipped to the wrong part of the score, throwing his accompanist for a loop, and after a few floundering seconds ground to a dead stop. Bartel was mortified, but the adjudicators let it pass. "I guess they'd seen it happen before," he says with a shrug.

Since that day in Winnipeg nearly 10 years ago, Bartel has heard similar stories again and again, both from fellow performers and students at the Faculty of Music, where he now holds an assistant professorship. Performance-related stress, it seems, is a problem all too common to classical musicians — so common, in

fact, that Bartel and colleague Edward Thompson, coordinator of continuing studies at the School of Physical & Health Education, took it upon themselves to study the subject in greater depth.

In January of last year the two arranged for a detailed questionnaire to be distributed to the members of 19 professional orchestras across Canada, through the newsletter of the Organization of Canadian Symphony Musicians. The intent was to learn about kinds of symptoms that musicians may experience as a result of stress, and more important, about the ways that they attempt to deal with it. Approximately 200 musicians, representing one-fifth of those who received questionnaires, responded.

Occupational stress is commonplace in just about every segment of the workforce, but the findings for orchestral musicians are nevertheless dramatic: of those surveyed, 96 percent reported experiencing stress or

anxiety related to music performance. This high level, the researchers argue, results from a combination of factors. For one, anything short of a flawless performance is considered unacceptable in the profession — even though rehearsal time is usually limited. At the same time, the artists have little latitude to make decisions on their own. "They play what they're told to play, when they're told to play it," Bartel said.

Much of the pressure on performers, suggests Frank Harmantas, a member of the Toronto Symphony trombone section and an adjunct professor with the Faculty of Music, is in fact self-imposed. "Everyone is striving for perfection," he explained. "Musicians expect it of themselves and their colleagues and they believe that the audience expects it as well."

Bartel and Thompson asked their subjects to name any symptoms of stress that they had experienced in the previous year. Though increased

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## IN BRIEF



### Status of women officer remains full-time

DESPITE CURRENT FINANCIAL CONSTRAINTS U OF T WILL CONTINUE employing a full-time status of women officer instead of making the position a part-time one, says President Robert Prichard. In a Feb. 17 memorandum to members of the University community, Prichard announced that the individual will continue reporting directly to him and will not be an assessor on Governing Council boards and committees. The officer is expected to play an important role in a new Office of Human Rights that the president plans to establish. It will consolidate the services of various campus officers including those in charge of sexual harassment education and personal safety awareness.

### Outstanding teachers honoured

THE FACULTY OF ARTS & SCIENCE IS LAUNCHING ITS NEW OUTSTANDING teaching awards by honouring six instructors. Professors Derek Allen of the Department of Philosophy, Joe Desloges of geography, Lorne Tepperman of sociology and Spencer Barrett of botany as well as senior tutors Anne Urbancic of Italian studies and Anthony Lam of mathematics will receive a certificate and a small cash prize at a March 3 ceremony at Hart House. The awards recognize outstanding achievement in classroom instruction, course design, curriculum development and innovative teaching methods.

### Grossman named Barker Fairley visitor

LARRY GROSSMAN, FORMER LEADER OF THE PROVINCIAL CONSERVATIVE party, has joined University College as the Barker Fairley Distinguished Visitor in Canadian Culture for 1993. He will be available several hours a week to talk to students, researchers and various classes. A graduate of U of T and Osgoode Hall Law School, Grossman was a member of the Ontario legislature and cabinet between 1975 and 1985 and led the PCs for two years until 1987. Now practising law in Toronto, he is also the author of *A Baseball Addict's Diary* (1991) and is currently working on a book about his political career.

### Man charged with uttering death threat

A 22-YEAR-OLD MAN FACES THREE CRIMINAL CHARGES IN CONNECTION with an incident at Hart House in which a porter was threatened with death. U of T Police Sgt. Len Paris said that on Feb. 14 at around 10 p.m. a porter found a man roaming the halls of Hart House. When told to leave, the man asked the porter if he wanted to die. Campus police arrested the suspect a short time later. A search revealed he was carrying a seven-inch, folding pocketknife. Troy Alfred Tanton of no fixed address has been charged with uttering a death threat, carrying a weapon dangerous to the public and carrying a concealed weapon. The man is expected to appear at Old City Hall at the end of March.

### PACRRARI's proposals examined

THE 44 RECOMMENDATIONS OF THE REPORT OF THE PRESIDENTIAL Advisory Committee on Race Relations & Anti-Racism Initiatives have been assigned to various administrative officers including Provost Joan Foley and David Neelands, assistant vice-president (student affairs), for consideration. Kelvin Andrews, U of T's race relations officer, told University Affairs Board Feb. 9 that next month he will form a 10-member advisory committee to determine which proposals can be implemented immediately and which need further study. Released in December, the report urges the administration to make U of T a more welcoming place for minority students by broadening the academic curriculum and hiring more visible minority faculty, among other things.

### Winnik wins science award

PROFESSOR MITCHELL WINNIK OF THE DEPARTMENT OF CHEMISTRY has been awarded the Chemical Institute of Canada's 1993 macromolecular science and engineering lecture award. Sponsored by Novacor Chemicals Ltd. of Calgary, the award is given annually to an individual who while residing in Canada has made a distinguished contribution to macromolecular science and engineering. Winnik will receive the award at the 76th Canadian Society for Chemistry Conference & Exhibition to be held in Sherbrooke from May 30 to June 3.

## Medicine to Absorb Cuts

~ Continued from Page 1 ~  
grew by 10 percent. At the same time the number of physicians increased by 33 percent and health insurance payments to physicians increased by 195 percent. "While we have more physicians, we do not have a corresponding gain in the health status of the population," says health minister Ruth Grier in the release.

"The national strategies are aimed at ensuring that we have enough

physicians to meet people's needs, but not too many; that other health professionals are used to their full potential; and that we make the shift to preventive and community-based care."

The strategy also addresses the entry of foreign graduates into Canadian medical schools. At the moment they enter Ontario on work visas and receive post-graduate training "on the understanding that they

will return to their home countries to practise," says the ministry's release. Many remain in the province and the government now wants the visitors to make a written commitment that they will return to their home countries. New guidelines for ensuring their return will be issued to universities and teaching hospitals soon.

The University's agreement with the government does not address the matter of visa students, said Lang.

## Hitting Performance Highs, Lows

~ Continued from Page 1 ~  
heart rate and difficulty concentrating were the most common, many also reported such reactions as muscle aches and spasms, chills, abdominal problems and breathing difficulties. In addition the musicians were asked to indicate whether they employed any of a long list of coping strategies ranging from aerobic exercise and acupuncture to self-hypnosis, 'tai chi and aromatherapy.

After musical preparation activities, which include warm-ups and rehearsal as well as listening to specific pieces, the most frequently mentioned strategy was the use of beta-blockers. These drugs, typically prescribed for people with angina or high blood pressure, keep the heart from racing and help control other physical reactions to stress. In all, 37.7 percent of musicians reported having taken them at some point in their careers. However, only 28.9 percent said that they had done so within the previous six months and fewer than 20 percent of those individuals used them more than twice a week. Most commonly artists turned to the drugs to cope with the stress of a solo performance.

When musicians were asked to rate different strategies by their ef-

fectiveness, beta-blockers ranked the highest, with exercise, music preparation and mind control techniques to improve focus and concentration running close behind. However, beta-blocker users also reported a variety of unpleasant side effects: aside from dry mouth and stomach problems, many found that the drugs took away some of the excitement of the performance.

Because most musicians take beta-blockers so infrequently, and in such small doses, the health risks appear to be minimal. Neither is there anything illicit about the practice.

Nonetheless a certain stigma surrounds beta-blocker use among musicians — perhaps because of concerns about psychological addiction.

The delicate financial state of Canadian orchestras and concerns about job security heap further stress upon performers. Indeed Bartel said anxiety runs so high these days that many musicians actually found it hard to complete the questionnaire. "Several people wrote that it was painful for them because they had to relive many difficult experiences," he said. "Obviously, we've touched on a raw nerve."

## Gender Inequity under Fire

~ Continued from Page 1 ~  
the option of lodging a human rights complaint against the University, Lenskyj said. "Legal precedents to date suggest that the complaint might be successful."

Alice Pitt of the Graduate Students' Union, Katia Antonoff of the Students' Administrative Council and Wendy Talfourd-Jones of the Association of Part-time Undergraduate Students also called on the University to correct the imbalance in DAR's expenditures and protested

the department's demands for substantial increases in student fees to help fund football and other sports.

DAR's director Ian McGregor told the board that his department is committed to gender equity.

DAR's council is holding a special meeting Feb. 22 to discuss forming a sports equity task force. However, until it does, said David Neelands, assistant vice-president (student affairs), DAR's current plan "is the best one in history in terms of providing balance."

## UAB Wants Full Disclosure

MEMBERS OF THE UNIVERSITY Affairs Board (UAB) feel they are being given short shrift.

At the Feb. 9 meeting members expressed their dissatisfaction with the information provided by the Department of Athletics & Recreation (DAR) and the University's administration.

DAR, they said, is being less than forthcoming about its budget process. Details such as staffing cuts and the cost of repairs to athletic facilities should be available for members to consider long before they vote on the budget March 16.

Pelino Colaiacovo, an undergraduate representative, said the only specifics the board has seen to date are programming changes and substantial increases to student athletic fees. "Other options for cost saving haven't been explored," he said. "Or if they have, they haven't been presented here."

David Neelands, assistant vice-president (student affairs), and Ian McGregor, DAR's director, said budget details are still being studied. Both reassured members, however, that they would receive all the information just prior to March 16.

John Nestor, who represents graduate students, questioned the principles guiding DAR's budget process. For example, the department previously insisted that Varsity football could not be preserved without the stadium and that keeping it open would cost about \$250,000 a year. "Now, following public outcry, it seems the stadium's costs can be cut by 50 percent," Nestor said. This information, he noted, should have been presented earlier.


Nestor and Paul Paton, an undergraduate representative, also criti-

cized U of T's administration for "bypassing" and "running around" the board in proposing a \$200 hike in student ancillary fees last month. (These are intended to cover the cost of providing such services as the Career Centre and the Housing Service.) It is UAB's task, they said, to oversee the policy on compulsory non-academic incidental fees during the budget process. The administration should have brought the matter to the board at least for information before taking it to Academic Board's budget committee.

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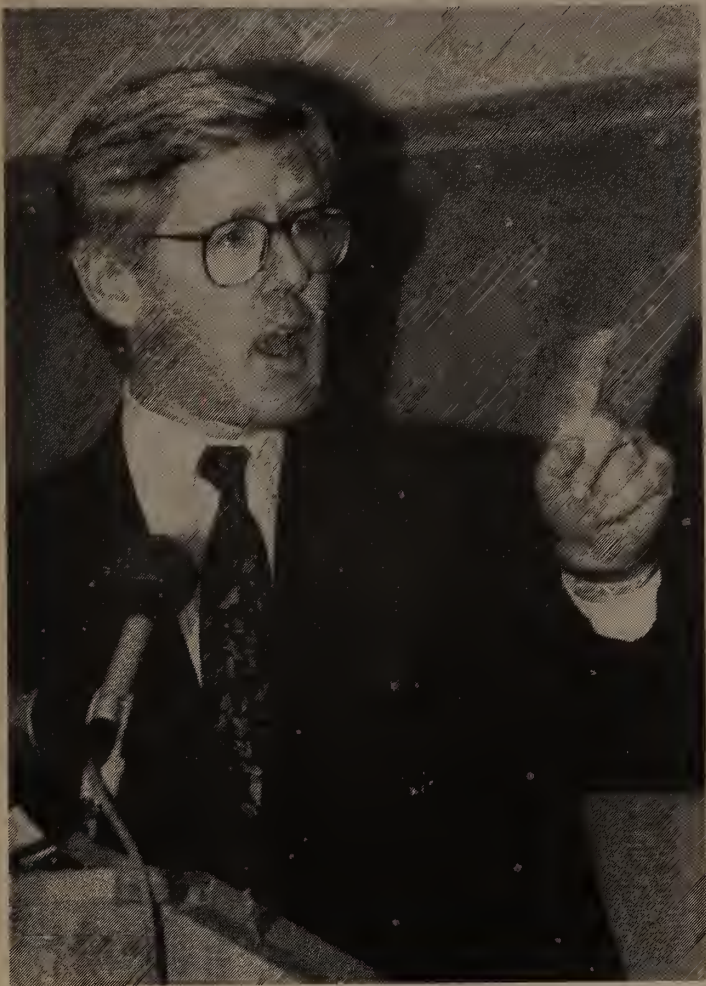
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## An Economic Indicator



*Ontario premier Bob Rae emphasizes his government's commitment to economic renewal during a speech to MBA students and business leaders at the Ontario Institute for Studies in Education Feb. 9. Rae announced a \$6 billion capital investment plan, involving the province, municipalities and the private sector, that will create 60,000 jobs by 1996.*

## Survey Scrutinizes Students

U OF T UNDERGRADUATES ARE a far more racially and ethnically diverse group than their counterparts at universities elsewhere in the province, a survey of new students conducted last fall suggests.

Of the 2,138 undergraduates who took part in the 1992 Incoming Student Information Survey, only 54 percent identified themselves as "white" when asked to choose the term that best described their "race or colour." By contrast, at six other universities where the same survey was done the figure ranged from 81 to 95 percent.

These results and others will assist U of T in understanding better the needs of the student community and tailoring programs accordingly, said David Neelands, assistant vice-president (student affairs). The University, he added, has never before collected this kind of demographic information about its students. "The idea is to find out more about them in addition to what we know of their academic background. To find out who they are as persons and what their expectations are in terms of later life."

The survey, initiated by the provost's office, was carried out at Scarborough, Erindale, University, Trinity and Victoria Colleges during the month of September. Students were asked to fill out a form with questions about their personal back-

grounds, characteristics, social habits, opinions and expectations. The findings are expected to assist Provost Joan Foley as she proceeds with efforts to enhance the University's academic programs and activities — one of the administration's seven special budget "footprints."

As the discussion surrounding the recent report of the Presidential Advisory Committee on Race-Relations & Anti-Racism Initiatives has made clear, the University continues to struggle with the issue of diversity and its implications. Survey data on the racial, cultural and religious backgrounds of students may help provide a sound basis for strategic planning in this area. "When we consider the programming we do in ethnic and cultural areas," Neelands said, "it might be useful to look at what the real demographic of our university is."

Questions about language produced striking results. An average of 35 percent of incoming undergraduates at the five colleges indicated that their native language is neither English nor French. The figure at other Ontario universities ranged no higher than 11 percent. In addition an average of 41 percent at U of T reported that they "frequently" spoke a language other than English or French at home.

The response of some in the

University community, UC registrar Glenn Loney predicted, will be to grumble about the admission of so many students whose first language is not the language of instruction. He argued, however, that it would prove more constructive to consider how the University might assist these students in developing their communications skills.

Responses to the questionnaire also indicate that new students arrive at U of T with extraordinarily high expectations. An average of 79 percent of those surveyed saw little or no chance of failing any of their courses and 93 percent felt they had a reasonable shot at earning a B average; fewer, however, appeared aware of the actual amount of work that awaited them. In Loney's view the University has a responsibility to foster more realistic expectations among its incoming undergraduates. "We don't have to terrorize them," he said. "We just want to keep them from having a dysfunctional level of anxiety and concern."

The survey results are by no means definitive, particularly since the percentage of new students completing the questionnaire last fall varied considerably from one college to the next. Nevertheless the administration hopes to repeat the exercise next fall, if possible with participation from a larger number of divisions.

## Faculty of Forestry Decision Expected Thursday

BY DAVID TODD

ACADEMIC BOARD MEMBERS ARE expected to reach a decision regarding the fate of the undergraduate program in forestry when they resume their debate on the question later this week.

The board spent nearly two hours at its Feb. 11 meeting weighing Provost Joan Foley's proposal to discontinue the BScF program in the Faculty of Forestry but adjourned without taking a final vote. The discussion will continue Feb. 25 and the plan, if approved, will then move to Governing Council.

The board's decision is considered likely to set a precedent that will determine how the University makes future decisions about the continuation or elimination of academic programs. As a consequence much of the debate — which was intense and sometimes heated — focused on the basis for the provost's recommendation to stop admitting students to the BScF program and to proceed with phasing it out over the next three years.

Foley has cited continued low enrolment in the undergraduate program coupled with the intense budgetary pressures confronting the University as the factors underlying her decision. She argues that U of T can best contribute to the field of forestry in future by devoting its resources to graduate education and research.

However, U of T Faculty Association president Bill Graham said at the meeting that the administration has not furnished a sound

academic justification for making the cut. The University, he acknowledged, needs to restructure but it must first establish "clear and objective" criteria to be applied when considering a proposal to terminate any degree program. The task of determining such criteria would fall naturally to Academic Board.

Professor Peter Rosenthal of the Department of Mathematics said the board needs detailed information about the quality of the forestry program before it can properly make a decision. "It's our responsibility in these difficult times to defend the academic integrity of the University," he argued. "If we don't, nobody's going to do it. And we have to be sure before we start cutting programs that they should in fact be cut, on academic grounds."

Professor John Furedy of the Department of Psychology, however, was sceptical about the possibility of establishing straightforward guidelines. "If there were such formulae," he said, "then we wouldn't need an administration to oversee the academic affairs of the University." The board's Planning & Priorities Committee gave its approval to the recommendation last month and Furedy said there is every reason to assume that members took academic considerations into account.

A large number of students, faculty, alumni and other forestry supporters had hoped to address the meeting. However, Professor Michael Marrus of the Department of History, who chairs the board, elected to limit the number of outside speakers to three. Planning and pri-

orities, he pointed out, heard 38 speakers in the course of its two meetings on the subject.

Trent University professor Thomas Hutchinson, a former chair of the Department of Botany at U of T, proposed a 12-month "stay of execution" for forestry. This would give the faculty time to pursue the possibility of collaboration with other institutions that have an interest in undergraduate forestry education — among them Trent, the University of

Guelph and Sir Sandford Fleming College.

In an interview Dean Rod Carrow of forestry said that the faculty has been talking informally about various collaborative opportunities. These include an offer by Innis College principal John Browne to help find ways of ensuring that U of T undergraduates continue to have some opportunity to pursue studies in the area of forestry.

Emotions ran high throughout the

course of the meeting. Mary Gordon, a member of the Forestry Alumni Association, condemned what she described as a lack of openness and consultation in the provost's investigation of the faculty.

However, Professor Desmond Morton, principal of Erindale College, spoke passionately in Foley's defence, praising her for having courage enough to make a tough decision. "I will not stand by and let her be defeated on this," he pledged.

## Environment Programs Approved

STUDENTS IN THE FACULTY OF Arts & Science will receive their first good look at the new face of environmental studies at U of T when the faculty's Division of the Environment unveils two degree programs this fall.

The division will begin offering its honours BA and BSc programs in the environment in 1993-94. Students will take a selection of new multidisciplinary core courses from the division, in combination with courses from other programs in the faculty.

Although the U of T Faculty Association (UTFA) and some students have raised objections, the proposal received the approval of Academic Board Feb. 11.

In an interview Dean Marsha Chandler of arts and science characterized the division's offerings as "joint specialist" programs: students, she explained, will combine one major from the division with a second from another program in the

faculty, for example, chemistry or economics.

"In one part of your degree you'd be learning a particular discipline," Chandler said. "In the other you'd be learning how a wide variety of different disciplines think about the environment, and then using the knowledge of your own discipline for further work in the environment."

The faculty already offers six different programs in the environmental field — most notably, the environmental sciences and environmental studies programs at Innis College. The purpose of the Division of the Environment, launched in response to the growing interest in environmental education, is to improve co-ordination of existing courses and to develop new programs that fill gaps in the faculty's current offerings.

Representatives of the fledgling Environmental Students Union (ENSU), based at Innis, are not persuaded that the new BA and BSc programs accomplish the intended

goal. Manavi Handa, co-founder of ENSU, said environmental programming in the faculty is already something of a "mishmash" and argued that the new offerings appear to duplicate many aspects of the Innis programs, thereby adding to the confusion.

Innis principal John Browne said the best way to resolve the issue is to start up the new programs and let students judge for themselves. "We can discuss course outlines forever but the real test is what happens in the classroom."

The faculty association, meanwhile, has pointed out the inconsistency of the University multiplying its environmental programs while at the same time contemplating the elimination of the BScF in the Faculty of Forestry. UTFA president Bill Graham said there is a natural fit between the environment division's offerings and the forestry undergraduate program that should have been exploited, but was not.



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## UTFA Presidential Nominations

The constitution of the University of Toronto Faculty Association requires candidates for President to be nominated by members of the UTFA Council. Members of the Association, however, are invited to suggest names to Council members.

Nomination forms are available in the UTFA office at 720 Spadina Avenue, Suite 419. The Nomination form requires the signature of two members of the UTFA Council and must be returned to the office between 9:00 a.m. on March 1, and 5:00 p.m. on March 15, 1993. If necessary, an election will be conducted by a mailed ballot of the membership in the following two weeks.

Professor Abdo Abdelmessih  
Professor Mounir Abouhaidar  
Mr. Demosthenes Aliferis  
Dr. Guy Allen

Professor Gürkan Altuna  
Professor Margaret Anderson  
Professor Jonathan Barker  
Dr. Douglas Bors  
Professor Peter Boulton  
Professor Aurel Braun  
Professor Patricia Brückmann  
Professor François Casas  
Professor Jacqueline Chapman  
Professor David Clandfield  
Professor Rebecca Comay  
Professor Gary Coupland  
Ms Susan Cozzi  
Professor Eric Csapo

Professor James Estes  
Professor Peter Fitting  
Professor Lloyd Gerson  
Professor Marvin Gold

Professor Alan Gordon

Professor William Graham  
Ms Margaret Hawthorn  
Dr. Robin Healey  
Dr. Carol Hennessy  
Ms Bernice Hines

Ms Bonnie Horne  
Professor Pat Hume  
Professor Bryan Karney  
Professor Giuliana Katz

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Botany, Geology  
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New College, Innis College, Transitional Year  
Programme  
Dentistry  
Library & Information Science  
Political Science  
Scarborough - Life Sciences  
Electrical & Computer Eng., Biomedical Eng.  
Erindale - Social Sciences  
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Chemistry  
Scarborough - Physical Sci.  
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Miscellaneous Medicine  
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# CLASSIFIED

A classified ad costs \$15 for up to 35 words and \$.50 for each additional word (maximum 70). Your name counts as one word as does your phone number, but the components of your address will each be counted as a word. No charge for postal code. A cheque or money order payable to **University of Toronto** must accompany your ad. Ads must be submitted in writing, 10 days before *The Bulletin* publication date, to **Nancy Bush, Department of Public Affairs, 21 King's College Circle, 2nd Fl., Toronto, Ontario M5S 1A1.** Ads will not be accepted over the phone. To receive a tearsheet and/or receipt please include a stamped self-addressed envelope.

## ACCOMMODATION RENTALS AVAILABLE — METRO & AREA —

**Madison Avenue** short-term apartment. Immaculate bachelor. Furnished, fully equipped, TV, laundry and parking. Quiet, smoke- and pet-free. Walk to U of T, Yorkville & Museum. \$300 weekly. Monthly rates available. 967-6474.

**Renovated open-concept** 3-bedroom semi, fully furnished, central air, VCR, computer, 4 bicycles, low maintenance. Safe friendly neighbourhood (Bloor/Dufferin), close to good bilingual school. 15 minutes to U of T. Reasonable rent for family on sabbatical willing to care for & respect our home. Available July 93-94. 534-9550.

**One-year rental from August 1993.** Attractive, spacious, detached house conveniently located Moore Park. Lovely perennial garden, lily pond. 2 offices, fireplace, 2+ bedrooms, 3 bathrooms, Jacuzzi, attractively furnished, fully equipped, parking. No smoking/pets. \$1,900/month plus utilities. 486-4666.

**Rosedale.** Furnished, private, adult home, two-bedroom apartment, quiet, parking, TTC, air conditioning, no smoking. Immediate. \$1,265 per month, utilities included. Prefer long-term lease. 975-9358, please leave message.

**Comfortably furnished self-contained** apartment in large home for 1-6 persons. 10 minutes to U of T. Weekly or monthly rates available. Ashleigh Heritage Home, 535-4000.

**U of T, TGH, HSC,** 5-minute walk. Two-bedroom rebuilt Victorian apartment, carpeted, great kitchen with dishwasher, fireplace, balcony, parking available, coin laundry facilities. Family neighbourhood. Corner Henry and Cecil Streets. Call 595-0026 or 599-8554.

**St. Clair/Bathurst.** 3-bedroom, 1 1/2-bath, detached house. Furnished, newly renovated; dishwasher, laundry, garden, deck, rear garage, minutes to subway. No smokers. No pets. Available approximately four months beginning September 7. \$1,195 monthly plus utilities. References please. 651-2695.

**Sabbatical rental.** Furnished or unfurnished 5-bedroom executive Mississauga home (Mississauga Rd./Burnhamthorpe) close to Erindale campus. Toronto train, schools, parks and shopping. Pool, spa, sprinkler. Up to 2 years, available July 1993 @ \$2,400 monthly plus utilities. 607-5503.

**Summer rental, Longbranch/Lakeshore.** Three-bedroom detached house, furnished. Huge lot, trees, 150 yards to park and lake. 25 minutes to Erindale or St. George. \$1,200 per month, late May until Labour Day. 259-4955.

**Yonge/St. Clair.** Well-furnished, bright room, quiet street, bookshelves, cupboards, closet, shared bath, kitchen, laundry. Close to bus/subway. Suitable for non-smoking professional person. \$350. Call 484-6456 before 10 a.m.

**Bathurst north of St. Clair.** Three-bedroom bright immaculate house. Finished basement. 2 1/2 baths. Garage. Backyard. Bus stop at front door. Professionals or graduate students. \$1,500 per month. 783-5541.

**Rosedale:** unfurnished five-year-old townhouse for 2-3 year lease in superb central district near Rosedale bus. All appliances, 1 1/2 baths, fireplace, carpeting, curtains, front pad parking. We are looking for a careful, non-smoking couple or a single person. Available June 1. Please contact our real estate agent, J. Sommers, at 487-4343.

**East York,** 2-bedroom furnished bungalow, garage, pleasant garden. July 1 to October 30. Walking distance to TTC and large shopping centre. 20 minutes to U of T. Call 978-8112 or late evening 699-1573.

**Furnished rental, Rosedale (downtown):** June or July 1993 through summer 1994. 3 storeys, 5 bedrooms, 2 1/2 baths, den, piano, fireplaces, eat-in kitchen, sun-porch, deck, patio garden, all appliances, garage. Quiet crescent, near bus, shops, park. \$2,700/month. 960-4964.

**Reduced rent in exchange for services.** Responsible person to house-sit, shovel snow, cut grass, caretaker. Large bachelor apartment in private home, close to Rosedale subway. References necessary. Phone after March 1. 964-1456.

**Bloor/Christie.** Fully furnished two-bedroom apartment (also available as one-bedroom with study). High ceilings, hardwood floors, balcony, laundry. Minutes from Christie station; fifteen-minute walk to U of T. For one year, available June 1. \$925+. 534-4118.

## ACCOMMODATION RENTALS REQUIRED

**Academic couple from UK** on sabbatical require 2/3 bedroom furnished apartment or

house August 1 to December 31, 1993. Must be near TTC, preferably central/north Toronto area. Non-smokers, no children. Contact: Lamont, Department of Cultural Studies, University of Central Lancashire, Preston PR1 2HE, UK. Fax: 011-44-772-892908 or c/o Clark, Microbiology, University of Toronto, tel. 978-6075.

**Dalhousie academic couple,** 2 school-age children, wishes to rent furnished Toronto house July 1, 1993 — June 30, 1994 (negotiable) or SWAP beautiful tri-level Halifax oceanview home (10-minute drive to universities) for same. Need non-smoking, no pets, preferably close to University line. (902) 477-1382 evenings.

## ACCOMMODATION OVERSEAS

**French Riviera, Nice,** between Chagall and Matisse museums, in the most beautiful area. All new and equipped apartment for 2. Perfect for vacation (1 or 2 weeks) or longer term. Call evenings after 8:00 p.m., Toronto 274-9085.

**Sabbatical in Paris.** Saint-Germain, one-bedroom apartment, fully furnished and equipped, quiet, 5th floor, métro: Sèvres-Babylone. 6, 000FF, one-year lease, May 1. (514) 342-2297.

**London, England:** 2-bedroom partly furnished Victorian townhouse with garden; convenient inner London location, near public transport and amenities. Rent £500 + utilities. Available April 1, 1993. Tel. Toronto 539-9310 evenings or leave message.

**Sabbatical dream home** in sunny Mallorca where winter is spring. Beautifully renovated country home, secluded in mountains yet convenient to towns & close to sea. Tel. 654-7429.

## BED & BREAKFAST

**Bloor/St. George (Annex).** Immaculate, smoke- and pet-free, quiet reading areas. Award-winning home. Healthy breakfasts. Parking. Walk to U of T, ROM and Yorkville. \$65 single, \$80 double. 967-6474.

**Lovely older homes,** close to the University. Private baths, full breakfast, parking. Rates per day: \$45-65 single, \$60-75 double. Call Metropolitan B&B Registry, 964-2566. Fax 537-0233.

## VACATION / LEISURE

**Collingwood, Cranberry,** luxury townhouse available March break, Easter & getaway weekends; sleeps 6, skiing, pools, mountain view, fireplace. Reasonable rates. (416) 476-5482, Toronto 928-3011.

## HOUSES & PROPERTIES FOR SALE

**Prime Annex.** Walk to U of T. Large, detached 12-room brick duplex & basement apartment. Six bedrooms, 4 baths, 2 wood-burning fireplaces, 3 decks, garden & parking. Move-in condition. Reduced \$395,000. Call Elden or Nancy Freeman, Barry Freeman R.E. Ltd., 535-3103.

**Walk to U of T.** Midtown professional, convenience & space is found in this brick 3-storey designer renovated outstanding home. Two wood-burning fireplaces, gourmet kitchen, w/o to south garden, private parking for two & much more. \$299,000. Call Leonard Nathans, Barry Freeman R.E. Ltd., 535-3103.

**Walk to U of T.** Renovated century home. Affordably priced 2-storey, 2 bedrooms, deck, garden & garage. \$149,900. Call Nancy or Barry Freeman, Barry Freeman R.E. Ltd., 535-3103.

**Prime Annex.** Renovated, 2-storey, semi-detached, 2- or 3-bedroom home. Open-concept main floor, hardwood floors, charming country washroom, large deep 176' lot. Incredible. \$249,000. Nancy or Elden Freeman R.E. Ltd., 535-3103.

**Yonge/Carlton** freehold townhome. 3 large bedrooms, 3 baths, gleaming white kitchen, wood-burning fireplace. Garage with workshop with access to finished basement plus parking for 2 more cars. A pleasure to show at \$299,000. Marilyn Elhart, Sales Rep., Boulevard Real Estate Services Inc. 922-2200.

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**Papers and manuscripts typed.** \$2/page. Call: 422-5672.

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**PERSONAL COUNSELLING** in a caring, confidential environment. U of T staff extended health care benefits provide excellent coverage. Dr. Ellen Greenberg, Registered Psychologist. The Medical Arts Building, 170 St. George Street, 961-3683.

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**Ultracentrifuge for sale.** Beckman L565 (65,000 rpm). Maintained problem free by Beckman service contract (still available). Secured, ready to move. Asking \$9,000 (compare to new units exceeding \$35,000). Cary Gilmour, Laboratory Molecular Systematics, Zoology Dept. 586-5787.

**Gilliam Lennox, MA, RMT.** Shiatsu, massage, reflexology & clearing (couples or individual) for academics. Covered by your U of T extended health care plan. Tel: 654-7429 for appointment.

## International Conference

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**J. G. Jackson - C.J. Wood Professor of Physics  
Stanford University**

**Nobel Laureate in Physics  
(co-inventor of laser)**

**Tuesday, 9 March 1993  
4:30 p.m.**

**Northrop Frye Hall, Room 003, Victoria University  
73 Queen's Park Crescent East**



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feeling!**

PARTICIPATION



# RESEARCH NOTICES

For further information and application forms for the following agencies, please contact ORS at 978-2163.

## HUMANITIES & SOCIAL SCIENCES CANADIAN STUDIES & SPECIAL PROJECTS DIRECTORATE (SECRETARY OF STATE)

*Investigators interested in developing learning materials in:* the uniqueness of Canadian society; the media in Canadian society; Canadian comparisons; and Canada and the world may apply for funding in four categories: print; film and audio-visual; computer-based and computer-assisted; and open and distance learning materials using various delivery techniques. Deadline is April 1.

## SOCIAL SCIENCES & HUMANITIES RESEARCH COUNCIL

*All recipients of SSHRC research and strategic grants* are required to submit a productivity report within six months of the termination date of the grant. Productivity report forms are now available from ORS.

## MEDICINE & LIFE SCIENCES

**BAXTER HEALTHCARE CORPORATION**  
*The renal division supports the study of kidney disease*, its pathophysiology and treatment options. The two subjects for 1993 requests for proposals are the role of lipids in renal disease and peritoneal dialysis in the paediatric patient. Investigators are reminded that the agency permits an institutional overhead component of 15 percent; this should be included in the yearly budget allocation. Deadline is April 9.

## CANADIAN CYSTIC FIBROSIS FOUNDATION

*The foundation has announced that the April 1 CCFF fellowships and studentships competitions have been cancelled.* This decision will not affect any other CCFF grants and awards programs and it will not affect currently awarded grants.

## CANCER RESEARCH FOUNDATION OF AMERICA

*The foundation supports research and educational projects having to do with cancer prevention and childhood cancer.* Awards are generally in the range of \$5,000 to \$35,000 for one year. A fellowship program is also offered which carries a stipend of up to \$25,000; there are no citizenship requirements. Interested applicants are reminded that the usual University application procedures and signature requirements apply. Deadline is April 1.

## WENDY WILL CASE CANCER FUND, INC. (US)

*The Case fund offers support to young*

*investigators* primarily in clinically related innovative cancer research. Projects will be funded for one year only up to a maximum of \$30,000 US. While there is no formal application, details of the format are outlined in the grant application procedure. Investigators are reminded that the usual application procedures and signature requirements apply. Deadline is April 1.

## HEALTH & WELFARE CANADA

*The Children's Bureau with the support of CIDA and External Affairs & International Trade Canada* will provide funding for distinctive Canadian approaches that enhance delivery of effective support to children internationally. Projects will be considered which focus on one or more of the following themes and target groups: themes — the implementation of the Convention on the Rights of the Child; empowering children to speak for themselves, to decision makers and to each other; and peace building for children. Target groups — the female child; the aboriginal child; and the child at risk. Initial application is by letter of intent; successful applicants will be invited to submit full presentations. Investigators are reminded that the usual University requirements apply for signature and review by ORS. Funds will be allocated as projects are selected and four selection cycles are anticipated. Deadlines are March 19, May 1, September 1 and January 7.

## LOUIS & ARTUR LUCIAN AWARD FOR RESEARCH IN CIRCULATORY DISEASES

*The award honours a scientific investigator or group of investigators* whose contribution to knowledge in the field of diseases of the circulation is deemed worthy of special recognition. The successful applicant is invited to spend a period of time at McGill University for interchange with members of the McGill community and to undertake a research collaboration with McGill investigators in the field of circulatory diseases. The prize is valued at \$40,000. Deadline is April 1.

## MEDICAL RESEARCH COUNCIL

*A jointly sponsored fellowship program (MRC/NHRDP) is available to support investigators* pursuing careers in AIDS research. Support will be provided to applicants seeking research training for up to three years in Canadian centres with established AIDS research programs. Candidates must be Canadian citizens or legally landed immigrants holding a PhD or professional degree plus a master's degree (or equivalent) in an appropriate health sciences research

field. Candidates with a professional degree must hold licensure in Canada. The stipend is \$35,000 per year. Application is by the MRC 18 package identified for the MRC/NHRDP research AIDS post-doctoral fellowship. Deadline is April 1.

University-industry program studentships support highly qualified graduate students who are undertaking full-time research training in the health sciences leading to an MSc or PhD degree. A company must sponsor the proposed student and contribute an amount equal to or greater than MRC's contribution. The award is tenable either in a Canadian university or a Canadian company in affiliation with a Canadian university. Details on eligibility and conditions are in the current MRC guidebook and supplement. Deadline is April 1.

## PARKINSON FOUNDATION OF CANADA

*Funds are available for support of projects with budgets of \$40,000 or less* per year for up to two years. The 1993 categories are: biomedical research in Parkinson's disease and related subjects; research to improve the quality of life of Parkinson's patients; and matching-funds research similar to the current MRC university-industry programs. Deadline is April 1.

In order to attract investigators to research into the cause and treatment of Parkinson's disease, the foundation is offering an award in the form of salary support over a two-year period. Consideration will be given to the potential of the candidate for an ultimate career in Canada. The fellowship will be tenable at a Canadian university where the proposed supervisor holds a faculty appointment. The supervisor should be an investigator actively directing research either into Parkinson's disease or working in a highly relevant discipline. Deadline is April 1.

## PHYSICAL SCIENCES & ENGINEERING NORTH ATLANTIC TREATY ORGANIZATION

*The NATO fellowship program collaborative research grants give assistance with joint projects* being carried out between research teams in universities or research institutions in different NATO countries which rely for basic costs on national funding but where the costs for the international collaboration cannot be met from other sources. The grants support travel and living expenses of investigators visiting partner institutions abroad. All fields of science are eligible but emphasis is given to fundamental aspects rather than to technological

development. Preference is given to projects where the expertise, facilities and data sources of the research teams are complementary. Awards in the range of \$6,000 are made for an initial period of one year and may be renewed.

The NATO international scientific exchange program collaborative research grants give assistance with joint projects being carried out between research teams in universities or research institutions in different NATO countries which rely for basic costs on national funding but where the costs for the international collaboration cannot be met from other sources. The grants principally support travel and living expenses of investigators visiting partner institutions abroad. Although applications may be submitted at any time, the deadlines for both programs are March 31, August 15 or November 30.

## NATURAL SCIENCES & ENGINEERING RESEARCH COUNCIL

*Books and application forms for the 1993 strategic grants competition* are now available through ORS. The objective of the program is to promote and support research in each of the following targeted areas: advanced technologies; natural resources; and environmental quality. In addition a small and select number of applications will be considered in a new directions area. Important changes regarding the Statement of Interest form 149 are in effect for the 1993 competition and researchers are encouraged to read the current strategic grants brochure for further information. Only the 1993 versions of forms 119 and 149 will be accepted by NSERC. Deadline is April 15 at NSERC.

## UPCOMING DEADLINES

Association for Canadian Studies — awards of merit: *March 1*.  
Banting & Best Diabetes Research Centre — Hugh Sellers fellowships: *March 1*.  
Banting Research Foundation — research grants: *March 1*.  
Baxter Healthcare Corporation — research grants: *April 9*.  
Canadian Advanced Technology Association — awards of excellence in science and technology: *March 8*.  
Canadian Foundation for Ileitis & Colitis — research grants: *March 1*.  
Canadian Foundation for Pharmacy — J.C. Turnbull research awards: *March 15*.  
Cancer Research Foundation of America — research grants, fellowships: *April 1*.  
Cancer Research Institute (US) — investigator awards: *March 1*;

fellowships: *April 1*.

Wendy Will Case Cancer Research Fund — research grants: *April 1*.

Corporate-Higher Education Forum — Bell Canada/Forum and Xerox Canada/Forum awards: *March 1*.

James H. Cummings Foundation Inc. — research grants (internal deadline): *April 15*.

Damon Runyon-Walter Winchell Cancer Research Fund — post-doctoral fellowships: *March 15*.

Dysautonomia Foundation Inc. — research grants: *March 15*.

Easter Seal Research Institute — summer studentships: *March 1*.

Fight for Sight Inc. (US) — grants-in-aid, post-doctoral fellowships, student fellowships: *March 1*.

Health & Welfare Canada — AIDS research grants: *March 15*; Children's Bureau grants (letter of intent): *March 19*.

Heart & Stroke Foundation of Canada — symposia/ workshops: *March 1*.

Heart & Stroke Foundation of Ontario — student scholarships: *March 1*.

Louis & Artur Lucian Award — nominations: *April 1*.

MRC — university-industry program workshops, clinical trials: *March 1*; industrial studentships; MRC/HWC AIDS post-doctoral fellowships: *April 1*.

NATO — challenges of modern society fellowships program: *February 28*;

collaborative research grants: *March 31*.

NSERC — bilateral exchange program, international scientific exchange awards, grants for research abroad: *March 1*; strategic grants: *April 15*.

Parkinson Foundation of Canada — fellowships, research grants: *April 1*.

Royal Bank — achievement award: *February 28*.

SSHRC — international summer institutes (internal deadline): *March 1*; strengthening of specialized research collections; aid to occasional scholarly conferences in Canada; travel grants for international representation: *April 1*.

Thyroid Foundation of Canada — research fellowships: *February 28*.

U of T, Life Sciences Committee — summer undergraduate and graduate programs: *February 28*; Humanities & Social Sciences Committee — conference travel grants (for conferences held May 1, 1993 or later): *March 15*;

grant-in-aid: *April 1*.  
Wildlife Toxicology Fund — research grants: *April 15*.

# PHD ORALS

Graduate faculty please call the PhD oral examination office at 978-5258 for information regarding time and location for these listings.

**FRIDAY, FEBRUARY 26**  
David William Dilkes,  
Department of Zoology,  
"Growth and Locomotion in the  
Hadrosaurian Dinosaur *Maiasaura*  
*Peeblesorum* from the Upper  
Cretaceous of Montana."  
Prof. R. R. Reisz.

Danny Mugur Ghazarian,  
Department of Pathology,  
"The Biochemical Pathology of  
Liver Cell Injury and Liver Cancer  
in the Rat with Choline  
Deficiency." Profs. E. Farber and  
A.K. Ghoshal.

Leonard V. Park, Department of  
Education, "University-Employer  
Educational Joint Ventures: An

Open Systems Approach to  
Collaboration and Management  
Development Programs."  
Prof. M. Skolnik.

**WEDNESDAY, MARCH 3**  
Suzanne Jean Bailey, Centre for  
Comparative Literature, "  
Witnessing the Unpresentable':  
Modes of Reflexivity in Eight  
19th-Century Texts."  
Prof. L. Hutcheon.

**THURSDAY, MARCH 4**  
Angela Helen Hofstra, Faculty of  
Pharmacy, "Metabolism of  
Hydralazine and Isoniazid by  
Activated Leukocytes: A Possible  
Mechanism for Drug-Induced  
Lupus." Prof. J.P. Uerecht.

**FRIDAY, MARCH 5**  
Edward W.Y. Koo,  
Department of Pathology,  
"The Role of the Endothelium in  
Neointimal Formation: A Porcine  
Aortic Organ Culture Study."  
Prof. A.I. Gotlieb.

**MONDAY, MARCH 8**  
Marlene Judith Sandys,  
Faculty of Social Work, "It Does  
My Heart Good: The Perceptions  
of Employers Who Have Hired  
People with Intellectual  
Disabilities through Supported  
Employment Programs."  
Prof. E.S. Lightman.

Alex Vincent, Department of  
Psychology, "Effects of Workload,

Processing Level and Arousal on  
Memory Performance, Subjective  
Rating and Cardiovascular  
Response: A Psychophysiological  
Analysis." Prof. J.J. Furedy.

**TUESDAY, MARCH 9**  
Ann Armstrong, Faculty of  
Management, "Pay for Knowledge  
and Skill Systems: A Multilevel  
Exploratory Investigation."  
Prof. H.F. Kolodny.

**THURSDAY, MARCH 11**  
Muhammad al-Faruque,  
Department of Middle East &  
Islamic Studies, "Some Aspects of  
Economic History of Iraq during  
the Early 4th/10th Century  
(295-335/908-945):

The Role of Trade in the  
Economy." Prof. A. Jwaideh.

**MONDAY, MARCH 15**  
Kui-Lai Lee, Department of  
Pharmacology, "Regulation of  
Mineralization and of mRNA  
Levels for Several Bone Matrix  
Proteins in Rat Calvaria Cell  
Cultures Containing Osteoid  
Nodules." Prof. J.M.N. Heersche.

**WEDNESDAY, MARCH 17**  
Christopher George Eckert,  
Department of Botany,  
"The Evolutionary Maintenance  
of a Sexual Polymorphism in  
Clonal *Decodon Verticillatus*  
(Lythraceae)." Prof. S.C.H. Barrett.



## COMMITTEES

The Bulletin regularly publishes the terms of reference and membership of various search, review and advisory committees as well as task forces and working groups.  
The deadline for submissions is Monday, two weeks prior to publication.  
The next deadline is March 1 for the March 15 issue.

### SEARCH

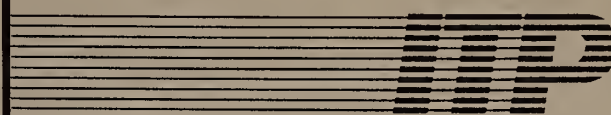
VICE-PRESIDENT (RESEARCH AND INTERNATIONAL RELATIONS)  
*President Robert Prichard has established a search committee to advise him on the appointment of a vice-president (research and international relations).*  
Members are: University Professor James Arthur, Department of Mathematics; Professors Arnold Aberman, dean, Faculty of Medicine; Jane Aubin, Faculty of Dentistry; J. Edward Chamberlin, Department

of English, New College; Marsha Chandler, dean, Faculty of Arts & Science; Paul Gooch, acting dean, School of Graduate Studies; Linda Hutcheon, Department of English and Centre for Comparative Literature; John Percy, vice-principal, research and graduate studies, Erindale College; Adel Sedra, chair, Department of Electrical & Computer Engineering; and Janice Stein, Department of Political Science; and Annamarie Castrilli, vice-chair, Governing Council; Jane Maxwell, coordinator, Cooperative

Program in International Development, Scarborough College; Fraser Mustard, president, Canadian Institute for Advanced Research; and Alice Pitt, president, Graduate Students' Union.

The committee would welcome nominations and submissions concerning the role of the vice-president (research and international relations) or identifying qualities that should be considered in the selection. These should be submitted to J.G. Dimond, secretary of Governing Council, room 106, Simcoe Hall, by March 8.

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University of Toronto



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The University of Toronto presents  
the 4th Annual Teach-in on



**Keynote Speaker** Professor Emeritus Ursula Franklin  
Department of Metallurgy & Materials Science

**Thursday March 11, 1993** From 12 Noon to 6 pm

**Keynote Address** 12pm to 1pm  
**Seminars & Workshops** 1pm to 4pm  
**Plenary & Social** 4pm to 6pm



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**SIGMA XI, THE SCIENTIFIC RESEARCH SOCIETY  
UNIVERSITY OF TORONTO CHAPTER**



Presents

**DR. MILTON J. SCHLESINGER**  
Department of Molecular Microbiology  
Washington University School of Medicine  
St. Louis, Missouri

## "HOW A CELL COPES WITH STRESS: THE HEAT SHOCK RESPONSE"

To be held on

**Date:** Tuesday, March 16, 1993  
**Time:** 4:15 pm  
**Place:** Room 2172,  
Medical Sciences Building  
1 King's College Circle

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*Admission Free Coffee Before*

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# DISQUIET ON THE WESTERN FRONT

*Does Erindale's mission "Excellence in undergraduate education" match U of T's aim to excel in research?*

BY DESMOND MORTON

WHEN ERINDALE COLLEGE responded to the University's 1977 planning exercise, it defined its mission as "Excellence in undergraduate education." Today the president is concentrating on making the University an internationally renowned research institution. Is the mission of Erindale (and Scarborough for that matter) compatible with the University's? If not, how does Erindale change? Should it?

Erindale has pursued its mission in tough times, with shrinking real spending and many possible distractions. Excellence in undergraduate education takes many forms. It requires faculty on the frontiers of knowledge who can show students that learning is dynamic. It is strengthened by contact with able graduate students and it means that students and professors are challenged to do their very best. Erindale pioneered campus-wide student opinion surveys in 1977. Language training at Erindale has benefited from a group of faculty deeply committed to the study of computer-assisted instruction and its applications. This year, thanks to Professor Les Krames, Erindale has a computer laboratory that has transformed learning in his popular and crowded introductory psychology course. And Erindale's best classroom teachers have formed Academics Concerned about the Quality of Education to provide an internal stimulus to colleagues and the college administration.

Excellence is easier with excellent students. Erindale has developed a systematic marketing strategy and measures the effectiveness of its campaigns by careful tracking of applicants whose first choice is Erindale. In 1989 Professor Roger Beck organized a February admissions program to attract excellent students. Virtually every one admitted in 1993 is an Ontario scholar.

Despite sharp competition from five other universities west of Metro, Erindale attracts excellent students from a growing population. First-choice applicants now form a large majority of our student population. Alumni surveys show a level of satisfaction surpassing the St. George average. By any measure Erindale is a success — perhaps for a reason.

HAVING A CLEAR, FOUR-WORD MISSION HAS FOCUSED THE mind. It has set priorities for better student counselling, language learning, pre-admission counselling and a unique Write Your Own Success Story for first-year students. It has helped department heads and student leaders, working together on a project known as Quality Student Service, to share responsibility for the student experience at Erindale. The mission focused Erindale's fund raising, from the original scholarship campaign to Breakthrough. A library fund financed CD-ROMs, longer library hours and more multiple copies. Despite the recession a teaching equipment fund helped refurbish undergraduate laboratories. The \$7 million Kaneff Centre for Management & Social Sciences gave the college some badly needed classrooms, an auditorium, study space and one of the University's most student-friendly buildings. Community support tells students and faculty alike that people out there care.

That's good to know. In 1977 Erindale had 5,000 students and 210 faculty, few of whom taught graduate courses; now enrolments approach 7,000, the faculty has dropped to 191 and many do their research and graduate teaching 30 kilometres away. In that same period centrally imposed budget cuts have trimmed about 15 percent of Erindale's base budget. Based on data collected in 1991-92 instructional activity indices were significantly higher at Erindale than at the other arts and science campuses. Shrinking faculty and growing enrolments used to mean more courses taught by part-time instructors. Now budget cuts close even that escape valve.

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The college community is delighted when friends and colleagues are recognized for their outstanding talent and win Killam, Guggenheim and other prestigious fellowships. In theory they will return, enriched by their experience. In practice some never return from the centre. The attractions of the St. George campus with its more generously funded departments, easier access to libraries and colleagues and relief from the low status of undergraduate teaching prove irresistible.

Using Erindale as a suburban farm team as well as a money tree has obvious advantages for the University. For Erindale there are drawbacks,

notably a weakening of the college's ability to fulfil its mission. When many of our most talented and respected professors are 30 kilometres away, their places must be filled by junior and inexperienced faculty or, more often, by poorly paid sessional instructors or contractually limited appointments. The college loses the leadership expected of some of its strongest and most experienced members; its students lack their inspiration, counselling and evaluation. A shrinking number of faculty carry the growing burden of teaching, counselling and academic administration. The college owes these colleagues and its ill-paid but devoted part-timers a special debt but the rules of the progress-through-the-ranks scheme mean that their devotion to Erindale cannot always be adequately recognized.

Erindale's mission is undermined when the college must offer students larger classes, fewer laboratories and tutorials and less access to faculty than they would have elsewhere in the University. Undergraduate students are right: they are paying more for less. When Erindale met a University plea to raise enrolment for the sake of University revenue, Erindale's compensation for "over-enrolment" was less than the additional students' fees! The grant income, four times as large as the fees, remained with the University.

Some people at Erindale say it's time to re-examine the mission statement adopted in 1977. Is it still appropriate 15 years later? Other statements may be more congruent with the University's recent history:

- Erindale's mission is to teach as many undergraduates as cheaply as possible so that it can finance the dreams of the rest of the University.
- Erindale's mission is to teach standardized arts and science courses to undergraduates who will complete their programs elsewhere.
- Erindale's mission is to maximize its faculty's contribution to the research and graduate teaching goals of the University of Toronto.

I think there must still be room in the University of Toronto for Erindale's mission as it is. Even in tough times that mission can be fulfilled. If Erindale had full access to its faculty and staff complement the college could deliver its existing programs in much smaller classes with resources left over for both remedial work and innovations. It could recognize the special strengths of Erindale scholars and scientists, innovate responsibly and continue to contribute impressively to the University's graduate programs and research.

Excellence in undergraduate education begins with faculty members who are actively engaged in scholarship, research and the frontiers of knowledge. This is the clearest difference between a university and other forms of higher education. However, excellence is multifaceted. Not all courses or programs require a full complement of research-oriented professors. Undergraduate excellence can be delivered by faculty who vary in their commitments to teaching and research but who are united in the excitement of working with good minds.

Erindale is the right place for the University to address the challenge of modern undergraduate education. And given widespread public dissatisfaction with Canadian education at all levels, there is no finer challenge for the University and Erindale.

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have refused U of T demands for special treatment. From UTLAS to the Cray supercomputer, the University has indulged in costly projects that reflected its aspirations, not its means. Keeping faculty salaries competitive among North American research universities led to at least two rounds of drastic budget cuts. Another is currently under way. Because University policy exempts tenured and tenure-stream faculty and protects graduate funding from these cuts they have largely fallen on untenured faculty, support staff and undergraduates.

This year Erindale will earn the University about \$48 million in grant and tuition fees. The 1992-93 college budget is \$35.1 million plus some uncoded benefits ranging from the services of Robarts Library to an occasional visit from the personal safety officer. In return, Erindale's base budget finances a generous contribution to the University's graduate program and research. Extra income attracted by Erindale students helps pay for the Department of Near Eastern Studies, the Faculty of Forestry, the latest flavour-of-the-year administrative addition to Simcoe Hall, the aftermath of UTLAS and Cray, not to mention unplanned deficits in the Faculties of Management and Education and the School of Continuing Studies.

By RECRUITING MORE THAN 200 SCHOLARS AND SCIENTISTS, often the best of their generation, Erindale has added to the University's excellence for the past quarter-century. The current dean of arts and science and several of her chairs are



## A SHRINKING NUMBER OF FACULTY CARRY THE GROWING BURDEN OF TEACHING

University faculty because Erindale appointed them. Erindale faculty have played an increasing role in graduate teaching. This is admirable and part of career expectations but, in a multi-campus university, graduate, research and administrative roles are most often performed an hour's journey away. Erindale's own students don't get much benefit from such absentees nor from "overshoes" professors who race for a distant campus as soon as their class or office hour is over.

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